

PCT

RAW SEQUENCE LISTING DATE: 06/10/2005
PATENT APPLICATION: US/10/511,237 TIME: 10:14:45

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06102005\J511237.raw

# Does Not Comply James Diskette Neede

### ERRORED SEQUENCES

977 <210> SEQ ID NO: 5 978 <211> LENGTH: 9668 979 <212> TYPE: DNA 980 <213> ORGANISM: Artificial 982 <220> FEATURE: 983 <223> OTHER INFORMATION: Expression plasmid pShuttle.3r for regulated expression following virus generation using AdEasy 984 986 <220> FEATURE: 987 <221> NAME/KEY: gene 988 <222> LOCATION: (327)..(713) 989 <223> OTHER INFORMATION: VP16 991 <220> FEATURE: 992 <221> NAME/KEY: gene 993 <222> LOCATION: (714)..(1352) 994 <223> OTHER INFORMATION: TetR 996 <220> FEATURE: 997 <221> NAME/KEY: Intron 998 <222> LOCATION: (1353)..(1912) 999 <223> OTHER INFORMATION: 1001 <220> FEATURE: 1002 <221> NAME/KEY: promoter 1003 <222> LOCATION: (1864)..(1902) 1004 <223> OTHER INFORMATION: TK-min W--> 1006 <220> 1007 <221> NAME/KEY: protein bind 1008 <222> LOCATION: (1913)..(2212)

1011 <220> FEATURE:

1009 <223> OTHER INFORMATION: TetO7

1014 <223> OTHER INFORMATION: CMV-min + Intron

1012 <221> NAME/KEY: misc\_feature 1013 <222> LOCATION: (2213)..(2709) RAW SEQUENCE LISTING DATE: 06/10/2005
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```
1016 <220> FEATURE:
     1017 <221> NAME/KEY: promoter
     1018 <222> LOCATION: (2226)..(2264)
     1019 <223> OTHER INFORMATION: CMV-min
     1021 <220> FEATURE:
W--> 1022 <221> NAME/KEY: multiple cloning site
     1023 <222> LOCATION: (2669)..(2770)
     1024 <223> OTHER INFORMATION: NheI, XhoI, KpnI, SpeI, EcoRV, NotI, XhoI
     1026 <400> SEQUENCE: 5
     1027 ctgctgqttc tttccqcctc agaagccata gagcccaccq catccccagc atgcctgcta
                                                                                 60
     1028 ttgtcttccc aatcctcccc cttgctgtcc tgccccaccc caccccccag aatagaatga
                                                                                120
     1029 cacctactca gacaatgcga tgcaatttcc tcattttatt aggaaaggac agtgggagtg
                                                                                180
     1030 gcaccttcca gggtcaagga aggcacgggg gaggggcaaa caacagatgg ctggcaacta
                                                                                240
                                                                                300
     1031 gaaggcacag tcgaggctga tcagcgagct ctagcattta ggtgacacta tagaataggg
     1032 ccctctagga tcgatcctcg cgcccctac ccaccgtact cgtcaattcc aagggcatcg
                                                                                360
     1033 gtaaacatct gctcaaactc gaagtcggcc atatccagag cgccgtaggg ggcggagtcg
                                                                                420
                                                                                480
     1034 tggggggtaa atcccggacc cggggaatcc ccgtcccca acatgtccag atcgaaatcg
     1035 tetagegegt eggeatgege categecaeg tectegeegt etaagtggag etegteecee
                                                                                540
                                                                                600
     1036 aggctgacat cggtcgggg ggccgtcgat agtctgcgcg tgtgtcccgc ggggagaaag
     1037 gacaggegeg gagecgecag eccegectet tegggggegt egtegteegg gagategage
                                                                                660
                                                                                720
     1038 aggcctcga tggtagaccc gtaattgttt ttcgtacgcg cgcggctgta cgcggaccca
     1039 ctttcacatt taagttgttt ttctaatccg catatgatca attcaaggcc gaataagaag
                                                                                780
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     1040 qctqqctctq caccttgqtq atcaaataat tcqataqctt qtcqtaataa tgqcqqcata
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     1041 ctatcagtag taggtgtttc cctttcttct ttagcgactt gatgctcttg atcttccaat
     1042 acqcaaccta aaqtaaaatq ccccacaqcq ctqaqtqcat ataacqcqtt ctctaqtqaa
                                                                                960
     1043 aaaccttqtt qqcataaaaa qqctaattqa ttttcqaqaq tttcatactq tttttctqta
                                                                               1020
                                                                               1080
     1044 ggccgtgtat ctgaatgtac ttttgctcca ttgcgatgac ttagtaaagc acatctaaaa
     1045 cttttagcgt tattgcgtaa aaaatcttgc cagctttccc cttttaaagg gcaaaagtga
                                                                               1140
                                                                               1200
     1046 qtatqqtqcc tatctaacat ctcaatqqct aaqqcqtcqa qcaaaqcccq cttatttttt
     1047 acatgccaat acagtgtagg ctgctctaca ccaagcttct gggcgagttt acgggttgtt
                                                                               1260
                                                                               1320
     1048 aaaccttcga ttccgacctc attaagcagc tctaatgcgc tgttaatcac tttactttta
                                                                               1380
     1049 tetaatetag agggtetggg tetetttgge atggtegaat taattegegt egageeggee
                                                                               1440
     1050 qcqqqtacaa ttccqqttqq acctqqqaqt qqacacctqt qqaqaqaaaq qcaaaqtqqa
     1051 tgtcattgtc actcaagtgt atggccagat ctcaagcctg ccacacctca agcttgacaa
                                                                               1500
     1052 caaaaagatt gtcttttctg accagatgga cgcggccacc ctcaaaggca tcaccgcggg
                                                                               1560
     1053 ccaggtgaat atcaaatcct cctcgttttt ggaaactgac aatcttagcg cagaagtcat
                                                                               1620
                                                                               1680
     1054 gcccgctttt gagagggagt actcacccca acagtcgaga ggttttccga tccggtcgat
     1055 gcggactcgc tcaggtccct cggtggcgga gtaccgttcg gaggccgacg ggtttccgat
                                                                               1740
     1056 ccaagagtac tggaaagacc gcgaagagtt tgtcctcaac cgcgagccca acaggcgtcg
                                                                               1800
                                                                               1860
     1057 aagettgatg ggtegetegg tgttegagge cacaegegte acettaatat gegaagtgga
                                                                               1920
     1058 ceteggaceg egeegeeeeg actgeatetg egtgttegaa ttgeeeggeg agetegaett
     1059 tcacttttct ctatcactga tagggagtgg taaactcgac tttcactttt ctctatcact
                                                                               1980
     1060 gatagggagt ggtaaactcg actttcactt ttctctatca ctgataggga gtggtaaact
                                                                               2040
                                                                               2100
     1061 cgactttcac ttttctctat cactgatagg gagtggtaaa ctcgactttc acttttctct
     1062 atcactgata gggagtggta aactcgactt tcacttttct ctatcactga tagggagtgg
                                                                               2160
     1063 taaactcgac tttcactttt ctctatcact gatagggagt ggtaaactcg acggtcgagg
                                                                               2220
                                                                               2280
     1064 qtcqaqtaqq cqtqtacqqt qqqaqqccta tataaqcaqa qctcqtttaq tqaaccqtca
     1065 gategeetgg agacgecate caegetgttt tgacetecat agaagacace gggacegate
                                                                               2340
     1066 cagcctccgc ggccccgaat tgcgaagctt tattgcggta gtttatcaca gttaaattgc
                                                                               2400
```

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1067	taacgcagtc	agtgcttctg	acacaacagt	ctcgaactta	agctgcagaa	gttggtcgtg	2460
1068	aggcactggg	caggtaagta	tcaaggttac	aagacaggtt	taaggagacc	aatagaaact	2520
1069	gggcttgtcg	agacagagaa	gactcttgcg	tttctgatag	gcacctattg	gtcttactga	2580
1070	catccacttt	gcctttctct	ccacaggtgt	ccactcccag	ttcaattaca	gctcttaagg	2640
1071	ctagagtact	taatacgact	cactataggc	tagcctcgag	aattcacgcg	tggtaccgag	2700
1072	ctcggatcca	ctagtaacgg	ccgccagtgt	gctggaattc	tgcagatatc	catcacactg	2760
1073	gcggccgctc	gagcatgcat	ctagagggcc	ctattctata	gtgtcaccta	aatgctagag	2820
1074	ctcgctgatc	agcctcgact	gtgccttcta	gttgccagcc	atctgttgtt	tgcccctccc	2880
1075	ccgtgccttc	cttgaccctg	gaaggtgcca	ctcccactgt	cctttcctaa	taaaatgagg	2940
1076	aaattgcatc	gcattgtctg	agtaggtgtc	attctattct	ggggggtggg	gtggggcagg	3000
1077	acagcaaggg	ggaggattgg	gaagacaata	gcaggcatgc	tggggatgcg	gtgggctcta	3060
1078	tggcttctga	ggcggaaaga	accagtcgac	tcgaagatct	gggcgtggtt	aagggtggga	3120
1079	aagaatatat	aaggtggggg	tcttatgtag	ttttgtatct	gttttgcagc	agccgccgcc	3180
1080	gccatgagca	ccaactcgtt	tgatggaagc	attgtgagct	catatttgac	aacgcgcatg	3240
1081	ccccatggg	ccggggtgcg	tcagaatgtg	atgggctcca	gcattgatgg	tcgccccgtc	3300
1082	ctgcccgcaa	actctactac	cttgacctac	gagaccgtgt	ctggaacgcc	gttggagact	3360
1083	gcagcctccg	ccgccgcttc	agccgctgca	gccaccgccc	gcgggattgt	gactgacttt	3420
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			attggattct				3540
			gcaggtttct				3600
			accagactct				3660
			gcgcgcgcgg				3720
			caggacgtgg				3780
			gtggaggtag				3840
			gtagcaggag				3900
			gggcaggccc				3960
			ggatatgaga				4020
			ccggggattc				4080
			gtcatgtagc				4140
			attttccatg				4200
			gatatttctg				4260
			ttttacaaag				4320
			ggcgtagtta				4380
			gtctacctgc				4440
			aagcaggttc				4500
			taccgggtgc				4560
			cacttcgtta				4620
			ctcgccgccc				4680
			gtccgccgta				4740
			ggtcacctgc				4800
			ctttcgctgt				4860
			gggcgcaggg				4920
			gcgctggcca				4980 5040
			ccctgcgcgt				5100
			tggcccttgg				5160
			ttgagggcgt				5220
			caggccccgc				5220
			aaaaccaggt				5340
1112	ctctggtttc	catgageegg	tgtccacgct	cggtgacgaa	aaggetgtee	graradagt	5540

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1116	atacagactt	gagagggagt	ttaaacgaat	tcaatagctt	gttgcatggg	cggcgatata	5400
1117	aaatgcaagg	tgctgctcaa	aaaatcaggc	aaagcctcgc	gcaaaaaaga	aagcacatcg	5460
1118	tagtcatgct	catgcagata	aaggcaggta	agctccggaa	ccaccacaga	aaaagacacc	5520
1119	atttttctct	caaacatgtc	tgcgggtttc	tgcataaaca	caaaataaaa	taacaaaaaa	5580
1120	acatttaaac	attagaagcc	tgtcttacaa	caggaaaaac	aacccttata	agcataagac	5640
1121	ggactacggc	catgccggcg	tgaccgtaaa	aaaactggtc	accgtgatta	aaaagcacca	5700
1122	ccgacagctc	ctcggtcatg	tccggagtca	taatgtaaga	ctcggtaaac	acatcaggtt	5760
1123	gattcatcgg	tcagtgctaa	aaagcgaccg	aaatagcccg	ggggaataca	tacccgcagg	5820
1124	cgtagagaca	acattacagc	ccccatagga	ggtataacaa	aattaatagg	agagaaaaac	5880
1125	acataaacac	ctgaaaaacc	ctcctgccta	ggcaaaatag	caccctcccg	ctccagaaca	5940
1126	acatacagcg	cttcacagcg	gcagcctaac	agtcagcctt	accagtaaaa	aagaaaacct	6000
1127	attaaaaaaa	caccactcga	cacggcacca	gctcaatcag	tcacagtgta	aaaaagggcc	6060
1128	aagtgcagag	cgagtatata	taggactaaa	aaatgacgta	acggttaaag	tccacaaaaa	6120
1129	acacccagaa	aaccgcacgc	gaacctacgc	ccagaaacga	aagccaaaaa	acccacaact	6180
1130	tcctcaaatc	gtcacttccg	ttttcccacg	ttacgtaact	tcccatttta	agaaaactac	6240
1131	aattcccaac	acatacaagt	tactccgccc	taaaacctac	gtcacccccc	ccgttcccac	6300
1132	gccccgcgcc	acgtcacaaa	ctccaccccc	tcattatcat	attggcttca	atccaaaata	6360
1133	aggtatatta	ttgatgatgt	taattaacat	gcatggatcc	atatgcggtg	tgaaataccg	6420
			ataccgcatc				6480
1135	tcgctgcgct	cggtcgttcg	gctgcggcga	gcggtatcag	ctcactcaaa	ggcggtaata	6540
1136	cggttatcca	cagaatcagg	ggataacgca	ggaaagaaca	tgtgagcaaa	aggccagcaa	6600
1137	aaggccagga	accgtaaaaa	ggccgcgttg	ctggcgtttt	tccataggct	ccgcccccct	6660
1138	gacgagcatc	acaaaaatcg	acgctcaagt	cagaggtggc	gaaacccgac	aggactataa	6720
			tggaagctcc				6780
			ctttctccct			_	6840
			ggtgtaggtc				6900
			ctgcgcctta				6960
			actggcagca				7020
			gttcttgaag				7080
			tctgctgaag				7140
		_	caccgctggt				7200
			atctcaagaa	_			7260
		_	acgttaaggg				7320
			ttaaaaatga				7380
			ccaatgctta				7440
			tgcctgactc				7500
			tgctgcaatg		_		7560
			gccagccgga				7620
			tattaattgt				7680
			tgttgccatt				7740
			gtagaaagcc				7800
			ctggacaagg				7860
			gcgatagcta				7920
			gccctctggt				7980
			gatctgatgg				8040
			gattgaacaa				8100
			ctatgactgg				8160
			gcaggggggc				8220
1164	ggtgccctga	atgaactgca	agacgaggca	gcgcggctat	cgtggctggc	cacgacgggc	8280

# RAW SEQUENCE LISTING

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	1165	gttccttgcg	cagctgtgct	cgacgttgtc	actgaagcgg	gaagggactg	gctgctattg	8340
	1166	ggcgaagtgc	cggggcagga	tctcctgtca	tctcaccttg	ctcctgccga	gaaagtatcc	8400
	1167	atcatggctg	atgcaatgcg	gcggctgcat	acgcttgatc	cggctacctg	cccattcgac	8460
	1168	caccaagcga	aacatcgcat	cgagcgagca	cgtactcgga	tggaagccgg	tcttgtcgat	8520
	1169	caggatgatc	tggacgaaga	gcatcagggg	ctcgcgccag	ccgaactgtt	cgccaggctc	8580
	1170	aaggcgagca	tgcccgacgg	cgaggatctc	gtcgtgaccc	atggcgatgc	ctgcttgccg	8640
	1171	aatatcatgg	tggaaaatgg	ccgcttttct	ggattcatcg	actgtggccg	gctgggtgtg	8700
	1172	gcggaccgct	atcaggacat	agcgttggct	acccgtgata	ttgctgaaga	gcttggcggc	8760
	1173	gaatgggctg	accgcttcct	cgtgctttac	ggtatcgccg	ctcccgattc	gcagcgcatc	8820
	1174	gccttctatc	gccttcttga	cgagttcttc	tgaattttgt	taaaattttt	gttaaatcag	8880
	1175	ctcattttt	aaccaatagg	ccgaaatcgg	caacatccct	tataaatcaa	aagaatagac	8940
	1176	cgcgataggg	ttgagtgttg	ttccagtttg	gaacaagagt	ccactattaa	agaacgtgga	9000
	1177	ctccaacgtc	aaagggcgaa	aaaccgtcta	tcagggcgat	ggcccactac	gtgaaccatc	9060
	1178	acccaaatca	agttttttgc	ggtcgaggtg	ccgtaaagct	ctaaatcgga	accctaaagg	9120
	1179	gagcccccga	tttagagctt	gacggggaaa	gccggcgaac	gtggcgagaa	aggaagggaa	9180
	1180	gaaagcgaaa	ggagcgggcg	ctagggcgct	ggcaagtgta	gcggtcacgc	tgcgcgtaac	9240
	1181	caccacaccc	gcgcgcttaa	tgcgccgcta	cagggcgcgt	ccattcgcca	ttcaggatcg	9300
	1182	aattaattct	taagtttttb	taacatcatc	aataatatac	cttattttgg	attgaagcca	9360
	1183	atatgataat	gagggggtgg	agtttgtgac	gtggcgcggg	gcgtgggaac	ggggcgggtg	9420
	1184	acgtagtagt	gtggcggaag	tgtgatgttg	caagtgtggc	ggaacacatg	taagcgacgg	9480
	1185	atgtggcaaa	agtgacgttt	ttggtgtgcg	ccggtgtaca	caggaagtga	caattttcgc	9540
	1186	gcggttttag	gcggatgttg	tagtaaattt	gggcgtaacc	gagtaagatt	tggccatttt	9600
			ctgaataaga	ggaagtgaaa	tctgaataat	tttgtgttac	tcatagcgcg	9660
	1188	taatactg	)					9668
>	1189	21 -						
>	1191	(-1-)						

RAW SEQUENCE LISTING ERROR SUMMARY

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DATE: 06/10/2005 TIME: 10:14:46

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06102005\J511237.raw

# Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 6,24

### Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:4,5

VERIFICATION SUMMARY

DATE: 06/10/2005 TIME: 10:14:46

PATENT APPLICATION: US/10/511,237

Input Set : A:\PTO.SR.txt

Output Set: N:\CRF4\06102005\J511237.raw

L:47 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:1,Line#:40
L:301 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:2,Line#:294
L:543 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:536
L:557 M:283 W: Missing Blank Line separator, <220> field identifier
L:791 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:4,Line#:784
L:807 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:1006 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:5,Line#:999
L:1022 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:1189 M:254 E: No. of Bases conflict, this line has no nucleotides.
M:254 Repeated in SeqNo=5